

Abstract of the Disclosure

A plastid transformation vector for stably transforming a plastid genome, comprising, as operably-linked components, a first flanking sequence, at least one DNA sequence coding for a polypeptide suitable for remediating a contaminant compound, and a
5 second flanking sequence, wherein a plant is stably transformed with the plastid transformation vector, and the plant is capable of phytoremediating a contaminant compound.